Mariliis Lehtveer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4846008/publications.pdf

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15	593	686830 13	996533 15
papers	citations	h-index	g-index

15	15	15	714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	BECCS and DACCS as Negative Emission Providers in an Intermittent Electricity System: Why Levelized Cost of Carbon May Be a Misleading Measure for Policy Decisions. Frontiers in Climate, 2021, 3, .	1.3	20
2	Actuating the European Energy System Transition: Indicators for Translating Energy Systems Modelling Results into Policy-Making. Frontiers in Energy Research, 2021, 9, .	1.2	4
3	Techno-economic review of alternative fuels and propulsion systems for the aviation sector. Renewable and Sustainable Energy Reviews, 2021, 151, 111564.	8.2	61
4	Managing variable renewables with biomass in the European electricity system: Emission targets and investment preferences. Energy, 2020, 213, 118786.	4.5	19
5	The Potential Role of Ammonia as Marine Fuelâ€"Based on Energy Systems Modeling and Multi-Criteria Decision Analysis. Sustainability, 2020, 12, 3265.	1.6	118
6	The role of negative carbon emissions in reaching the Paris climate targets: The impact of target formulation in integrated assessment models. Environmental Research Letters, 2020, 15, 124024.	2.2	28
7	The Benefit of Collaboration in the North European Electricity System Transitionâ€"System and Sector Perspectives. Energies, 2019, 12, 4648.	1.6	19
8	Biomass in the electricity system: A complement to variable renewables or a source of negative emissions?. Energy, 2019, 168, 532-541.	4.5	33
9	What Future for Electrofuels in Transport? Analysis of Cost Competitiveness in Global Climate Mitigation. Environmental Science & Technology, 2019, 53, 1690-1697.	4.6	45
10	Bioenergy with carbon capture and storage (BECCS): Global potential, investment preferences, and deployment barriers. Energy Research and Social Science, 2018, 42, 155-165.	3.0	153
11	Using resource based slicing to capture the intermittency of variable renewables in energy system models. Energy Strategy Reviews, 2017, 18, 73-84.	3.3	26
12	Estonian energy supply strategy assessment for 2035 and its vulnerability to climate driven shocks. Environmental Progress and Sustainable Energy, 2016, 35, 469-478.	1.3	1
13	Multi-criteria analysis of nuclear power in the global energy system: Assessing trade-offs between simultaneously attainable economic, environmental and social goals. Energy Strategy Reviews, 2015, 8, 45-55.	3.3	17
14	Nuclear power as a climate mitigation strategy â€“ technology and proliferation risk. Journal of Risk Research, 2015, 18, 273-290.	1.4	22
15	How much can nuclear power reduce climate mitigation cost? â€“ Critical parameters and sensitivity. Energy Strategy Reviews, 2015, 6, 12-19.	3.3	27